

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53 (b))

Attorney Docket No. 21513

First Inventor or Application Identifier: von Wurtemberg, Rickard Marcks  
Title: Bottom Emitting VCSEL (Vertical Cavity Surface Emitting Laser)  
With Monitor Emulsion Through Top Mirror

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 6]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Pages 2]  
Oath or Declaration [Total Pages 1]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed)  
(Note Box 5 below)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. § 163(d)(2) and 133 (b).
- ☐ Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney (when there is an assignee)
10. ☐ English translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of IDS Citations  
Statement (IDS)/PTO-1449
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
\*Small Entity)
14. ☐ Statement(s) ☐ Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other: .....

\* NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

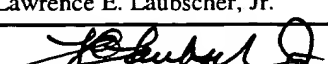
**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Lawrence E. Laubscher, Jr. Laubscher & Laubscher				
Address	745 South 23rd Street, Suite 300				
City	Arlington	State	Virginia	Zip Code	22202
Country	U. S. A.	Telephone	(703) 521-2660	Fax	(703) 553-0174

**SUBMITTED BY:**

Name (Print/Type)	Lawrence E. Laubscher, Jr.	Registration No. (Attorney/Agent)	28,233
Signature		Date	11/12/99

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS of C.F.R. § 1.16(c) or (j))	17 - 20* =	0	x \$ 0 =	\$ 0	
INDEPENDENT CLAIMS of C.F.R. § 1.16(c) or (i))	2 - 3** =	0	x \$ 0 =	0	
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 C.F.R. § 1.16(d))			x \$ 0 =	0	
			BASIC FEE (37 C.F.R. § 1.16)	\$760.00	
			Total of above Calculations	\$ 0.00	
Reduction by 50% for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27 & 1.28).					
* Reissue claims in excess of 20 and over original patent. ** Reissue Independent claims over original patent.				TOTAL = \$760.00	

## 6. Small entity status:

- a. ☐ A small entity statement is enclosed, if (b) and (c) do not apply.  
b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.

## 7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 12-0605:

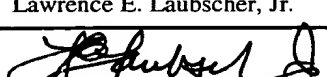
- a. ☒ Fees required under 37 C.F.R. § 1.16.  
b. ☒ Fees required under 37 C.F.R. § 1.17.  
c. ☒ Fees required under 37 C.F.R. § 1.18.  
8. ☒ A check in the amount of \$760.00 is enclosed.  
9. ☐ Other: \_\_\_\_\_

**NOTE:** The prior application's correspondence address will carry over to this CPA  
UNLESS a new correspondence address is provided below.

## 10. NEW CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> New correspondence address below		
Name	Lawrence E. Laubscher, Jr. Laubscher & Laubscher				
Address	745 South 23rd Street, Suite 300				
City	Arlington	State	Virginia	Zip Code	22202
Country	U. S. A.	Telephone	(703) 521-2660	Fax	(703) 553-0174

## 11. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Lawrence E. Laubscher, Jr.	Registration No. (Attorney/Agent)	28,233
Signature		Date	11/12/99